

***TECHNICAL EXHIBIT***  
***APPLICATION FOR LICENSE***

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Digital Low-Power Television Station WASV-LD  
15.0 kW ERP / Channel 36  
Asheville, North Carolina

Digital Networks-Southeast, LLC

March 2020

## **APPLICATION FOR LICENSE**

The following engineering statement has been prepared for **Digital Networks-Southeast, LLC** ("Southeast"), licensee of low power television station WASV-LD at Asheville, North Carolina, and is in support of their application for license.<sup>1</sup> This application is being filed to cover the construction permit assigned LMS File No. 0000055083. This construction permit authorized changes to the facility, including the channel of operation, and directional antenna pattern.

Under the referenced construction permit, the facility was authorized to operate with a maximum effective radiated power of 15 kW at a center of radiation of 1088 meters above mean sea level, 14 meters above ground level, utilizing a directional antenna. The antenna authorized and utilized by the facility is a Propagation Systems, Inc. ("PSI") model PSILP12AW with major lobe orientation at 80 degrees true. Southeast has completed construction of the facility utilizing these parameters. The installed equipment achieves the authorized effective radiated power.

The construction permit as issued listed two special conditions or restrictions. The first condition advises Southeast that this construction permit is for low power television, and advises that such facilities must not cause interference to the reception of existing and future full-power stations. Southeast is also advised that interference from full-power facilities must be accepted. Southeast is cognizant of the nature of this condition, and will abide by its requirements.

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<sup>1</sup> The Facility ID for WASV-LD at Asheville, North Carolina is 47722.

JEREMY RUCK & ASSOCIATES, INC.

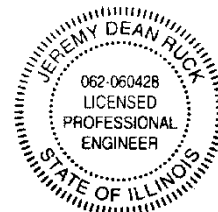
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The second condition pertains to the repack and change in channel of operation of full-power television station WYFF at Greenville, South Carolina.<sup>2</sup> Under this condition, Southeast may not commence operation of WASV-LD at Asheville until such time as WYFF has ceased operation on channel 36. WYFF was assigned channel 30 as its post-repack channel with a transition under phase 5. A license application has been filed by the licensee of WYFF specifying that their change in channel has been completed.<sup>3</sup> It is therefore respectfully submitted that Southeast is also in compliance with this second condition on the construction permit.

Southeast certifies that it will protect workers and other personnel from being exposed to levels of radiofrequency radiation in excess of the applicable safety standards, and will coordinate with all other users of the site. Coordination efforts will include, but are not necessarily limited to a reduction in transmitter power or cessation of operation.

The preceding statement has been prepared by me, or under my direction, and is true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature  
License Expires November 30, 2021

Jeremy D. Ruck, PE  
March 21, 2020

<sup>2</sup> The Facility ID for WYFF at Greenville, South Carolina is 53905.

<sup>3</sup> See LMS File No. 0000081030.

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**3.21.2020**